

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1UB: Baile-----	40	Not Rated Not Rated; CEC or Clay Not Rated; Fragments > 250mm Restricted permeability Depth to saturated zone Too acid	1.00    1.00  0.73	Not Rated Not Rated; CEC or Clay Not Rated; Fragments > 250mm Depth to saturated zone Restricted permeability Too acid	1.00    1.00  1.00	Not Rated Not Rated; CEC or Clay Not Rated; Fragments > 250mm Depth to saturated zone Restricted permeability Too acid	1.00    1.00  1.00
Urban Land-----	35	Not rated		Not rated		Not rated	
2B: Beltsville-----	50	Not Rated Not Rated; CEC or Clay Restricted permeability Depth to dense layer Depth to saturated zone Too acid	1.00   1.00  1.00  0.73	Not Rated Not Rated; CEC or Clay Restricted permeability Too acid Depth to saturated zone	1.00   1.00  1.00	Not Rated Not Rated; CEC or Clay Restricted permeability Too acid Depth to saturated zone Too steep for surface application	1.00   1.00  1.00  0.08
Keyport-----	30	Very limited Restricted permeability Too acid Depth to saturated zone	1.00  0.73 0.68	Very limited Restricted permeability Too acid Depth to saturated zone	1.00  1.00 0.68	Very limited Restricted permeability Too acid Depth to saturated zone Too steep for surface application	1.00  1.00 0.68 0.08
2UB: Beltsville-----	40	Not Rated Not Rated; CEC or Clay Restricted permeability Depth to dense layer	1.00   1.00	Not Rated Not Rated; CEC or Clay Restricted permeability Too acid	1.00   1.00	Not Rated Not Rated; CEC or Clay Restricted permeability Too acid	1.00   1.00

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Urban Land-----	40	Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too acid	0.73			Too steep for surface application	0.08
		Not rated		Not rated		Not rated	
2UC: Beltsville-----	40	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Restricted permeability	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
Urban Land-----	40	Depth to dense layer	1.00	Too acid	1.00	Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too acid	1.00
		Too acid	0.73	Slope	0.63	Depth to saturated zone	1.00
3UB: Urban Land-----	40	Not rated		Not rated		Not rated	
Beltsville-----	30	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
Keyport-----	20	Depth to dense layer	1.00	Too acid	1.00	Too acid	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too acid	0.73			Too steep for surface application	0.08
Keyport-----	20	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Too acid	0.73	Too acid	1.00	Too acid	1.00

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
4UB: Urban Land-----	80	Depth to saturated zone	0.68	Depth to saturated zone	0.68	Depth to saturated zone	0.68
		Too steep for surface application	0.08				
Beltsville-----	5	Not rated		Not rated		Not rated	
5E: Brandywine-----	100	Not Rated Not Rated; CEC or Clay Restricted permeability Depth to dense layer Depth to saturated zone Too acid	1.00 1.00 1.00 0.73	Not Rated Not Rated; CEC or Clay Restricted permeability Too acid Depth to saturated zone	1.00 1.00 1.00 1.00	Not Rated Not Rated; CEC or Clay Restricted permeability Too acid Depth to saturated zone Too steep for surface application	1.00 1.00 1.00 0.08
6B: Chester-----	100	Not Rated Not Rated; CEC or Clay Slope Too acid Leaching limitation Droughty	1.00 0.73 0.45 0.07	Not Rated Not Rated; CEC or Clay Slope Too acid Droughty	1.00 1.00 0.07	Not Rated Not Rated; CEC or Clay Too steep for surface application Too steep for sprinkler application Too acid Droughty	1.00 1.00 1.00 0.07
6UB: Chester-----	55	Not Rated Not Rated; CEC or Clay Too acid	0.50	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	1.00 0.08
6UB: Chester-----	55	Not Rated Not Rated; CEC or Clay Too acid	0.50	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	1.00 0.08

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Urban Land-----	25	Not rated		Not rated		Not rated	
7UB: Christiana-----	40	Not Rated Not Rated; CEC or Clay Too acid Restricted permeability	0.86 0.81	Not Rated Not Rated; CEC or Clay Too acid Restricted permeability	1.00 0.68	Not Rated Not Rated; CEC or Clay Too acid Restricted permeability Too steep for surface application	1.00 0.68 0.08
Urban Land-----	40	Not rated		Not rated		Not rated	
7UC: Christiana-----	50	Not Rated Not Rated; CEC or Clay Too acid  Restricted permeability Slope	0.86 0.81 0.63	Not Rated Not Rated; CEC or Clay Too acid  Restricted permeability Slope	1.00 0.68 0.63	Not Rated Not Rated; CEC or Clay Too steep for surface application Too acid Too steep for sprinkler application Restricted permeability	1.00 1.00 0.78 0.68
Urban Land-----	40	Not rated		Not rated		Not rated	
8UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Christiana-----	5	Not Rated Not Rated; CEC or Clay Too acid	0.86	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid	1.00

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
9UB: Elkton-----	40	Restricted permeability	0.81	Restricted permeability	0.68	Restricted permeability	0.68
						Too steep for surface application	0.08
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Restricted permeability	1.00	Restricted permeability	1.00
Urban Land-----	40	Too acid	0.73	Too acid	1.00	Too acid	1.00
		Leaching limitation	0.50				
		Not rated		Not rated		Not rated	
10: Fluents-----	100	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	0.46	Too acid	0.77	Too acid	0.77
		Too acid	0.22	Depth to saturated zone	0.46	Depth to saturated zone	0.46
11B: Galestown-----	100	Very limited		Very limited		Very limited	
		Filtering capacity	1.00	Too acid	1.00	Too acid	1.00
		Droughty	0.76	Filtering capacity	1.00	Filtering capacity	1.00
		Too acid	0.73	Droughty	0.76	Droughty	0.76
		Leaching limitation	0.45			Too steep for surface application	0.08
11UB: Galestown-----	40	Very limited		Very limited		Very limited	
		Filtering capacity	1.00	Too acid	1.00	Too acid	1.00
		Droughty	0.76	Filtering capacity	1.00	Filtering capacity	1.00
		Too acid	0.73	Droughty	0.76	Droughty	0.76
		Leaching limitation	0.45			Too steep for surface application	0.08
Urban Land-----	40	Not rated		Not rated		Not rated	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
12A: Jackland-----	100	Not Rated Not Rated; CEC or Clay Restricted permeability Depth to saturated zone Runoff limitation Too acid	   1.00 1.00 0.40 0.32	Not Rated Not Rated; CEC or Clay Restricted permeability Depth to saturated zone Too acid	   1.00 1.00 0.91	Not Rated Not Rated; CEC or Clay Restricted permeability Depth to saturated zone Too acid	   1.00 1.00 0.91
12B: Jackland-----	100	Not Rated Not Rated; CEC or Clay Restricted permeability Depth to saturated zone Runoff limitation Too acid	   1.00 1.00 0.40 0.32	Not Rated Not Rated; CEC or Clay Restricted permeability Depth to saturated zone Too acid	   1.00 1.00 0.91	Not Rated Not Rated; CEC or Clay Restricted permeability Depth to saturated zone Too acid Too steep for surface application	   1.00 1.00 0.91 0.68
12UB: Jackland-----	45	Not Rated Not Rated; CEC or Clay Restricted permeability Depth to saturated zone Runoff limitation Too acid	   1.00 1.00 0.40 0.32	Not Rated Not Rated; CEC or Clay Restricted permeability Depth to saturated zone Too acid	   1.00 1.00 0.91	Not Rated Not Rated; CEC or Clay Restricted permeability Depth to saturated zone Too acid Too steep for surface application	   1.00 1.00 0.91 0.08
Urban Land-----	40	Not rated		Not rated		Not rated	
13B: Joppa-----	100	Not Rated Not Rated; CEC or Clay Too acid Droughty	   0.73 0.16	Not Rated Not Rated; CEC or Clay Too acid Droughty	   1.00 0.16	Not Rated Not Rated; CEC or Clay Too acid Droughty Too steep for surface application	   1.00 0.16 0.08
13C: Joppa-----	100	Not Rated		Not Rated		Not Rated	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
13E: Joppa-----	100	Not Rated; CEC or Clay Too acid	0.73	Not Rated; CEC or Clay Too acid	1.00	Not Rated; CEC or Clay Too steep for surface application	1.00
		Slope Droughty	0.63 0.16	Slope Droughty	0.63 0.16	Too acid Too steep for sprinkler application	1.00 0.78
						Droughty	0.16
		Not Rated Not Rated; CEC or Clay Slope	1.00	Not Rated Not Rated; CEC or Clay Slope	1.00	Not Rated Not Rated; CEC or Clay Too steep for surface application	1.00
		Too acid	0.73	Too acid	1.00	Too steep for sprinkler application	1.00
		Droughty	0.16	Droughty	0.16	Too acid Droughty	1.00 0.16
13UB: Joppa-----	45	Not Rated Not Rated; CEC or Clay Too acid Droughty	0.73 0.16	Not Rated Not Rated; CEC or Clay Too acid Droughty	1.00 0.16	Not Rated Not Rated; CEC or Clay Too acid Droughty Too steep for surface application	1.00 0.16 0.08
Urban Land-----	40	Not rated		Not rated		Not rated	
13UC: Joppa-----	45	Not Rated Not Rated; CEC or Clay Too acid	0.73	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too steep for surface application	1.00
		Slope Droughty	0.63 0.16	Slope Droughty	0.63 0.16	Too acid Too steep for sprinkler application	1.00 0.78
						Droughty	0.16
Urban Land-----	40	Not rated		Not rated		Not rated	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
14UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Joppa-----	5	Not Rated Not Rated; CEC or Clay Too acid Droughty	0.73 0.16	Not Rated Not Rated; CEC or Clay Too acid Droughty	1.00 0.16	Not Rated Not Rated; CEC or Clay Too acid Droughty Too steep for surface application	1.00 0.16 0.08
15B: Keyport-----	85	Very limited Restricted permeability Too acid Depth to saturated zone	1.00 0.73 0.68	Very limited Restricted permeability Too acid Depth to saturated zone	1.00 1.00 0.68	Very limited Restricted permeability Too acid Depth to saturated zone Too steep for surface application	1.00 1.00 0.68 0.08
15UB: Keyport-----	40	Very limited Restricted permeability Too acid Depth to saturated zone	1.00 0.73 0.68	Very limited Restricted permeability Too acid Depth to saturated zone	1.00 1.00 0.68	Very limited Restricted permeability Too acid Depth to saturated zone Too steep for surface application	1.00 1.00 0.68 0.08
Urban Land-----	40	Not rated		Not rated		Not rated	
16UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Keyport-----	15	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00



Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
17B: Legore-----	100	Too acid	0.73	Too acid	1.00	Too acid	1.00
		Depth to saturated zone	0.68	Depth to saturated zone	0.68	Depth to saturated zone	0.68
						Too steep for surface application	0.08
17C: Legore-----	100	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Too acid	0.18	Too acid	0.67	Too acid	0.67
17E: Legore-----	100	Too steep for surface application		Too steep for surface application		Too steep for surface application	0.08
17E: Legore-----	100	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Slope	0.63	Too acid	0.67	Too steep for surface application	1.00
18B: Legore-----	100	Too acid	0.18	Slope	0.63	Too steep for sprinkler application	0.78
						Too acid	0.67
18C: Legore-----	100	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Slope	1.00	Slope	1.00	Too steep for surface application	1.00
18B: Legore-----	100	Too acid	0.18	Too acid	0.67	Too steep for sprinkler application	1.00
						Too acid	0.67
18B: Legore-----	100	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Cobble content	0.32	Too acid	0.67	Too acid	0.67
18C: Legore-----	100	Too acid	0.18	Cobble content	0.32	Cobble content	0.32
						Too steep for surface application	0.08
18C: Legore-----	100	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Slope	0.63	Too acid	0.67	Too steep for surface application	1.00

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
18E: Legore-----	100	Cobble content	0.32	Slope	0.63	Too steep for sprinkler application	0.78
		Too acid	0.18	Cobble content	0.32	Too acid Cobble content	0.67 0.32
		Not Rated Not Rated; CEC or Clay Slope	1.00	Not Rated Not Rated; CEC or Clay Slope	1.00	Not Rated Not Rated; CEC or Clay Too steep for surface application	1.00
		Cobble content	0.32	Too acid	0.67	Too steep for sprinkler application	1.00
		Too acid	0.18	Cobble content	0.32	Too acid Cobble content	0.67 0.32
18UB: Legore-----	40	Not Rated Not Rated; CEC or Clay Too acid	0.18	Not Rated Not Rated; CEC or Clay Too acid	0.67	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	0.67 0.08
Urban Land-----	40	Not rated		Not rated		Not rated	
18UC: Legore-----	45	Not Rated Not Rated; CEC or Clay Slope	0.63	Not Rated Not Rated; CEC or Clay Too acid	0.67	Not Rated Not Rated; CEC or Clay Too steep for surface application	1.00
		Too acid	0.18	Slope	0.63	Too steep for sprinkler application Too acid	0.78 0.67
		Not rated		Not rated		Not rated	
Urban Land-----	35	Not rated		Not rated		Not rated	
18UE: Legore-----	45	Not Rated Not Rated; CEC or Clay		Not Rated Not Rated; CEC or Clay		Not Rated Not Rated; CEC or Clay	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Urban Land-----	35	Slope	1.00	Slope	1.00	Too steep for surface application	1.00
		Too acid	0.18	Too acid	0.67	Too steep for sprinkler application	1.00
		Not rated		Not rated		Too acid	0.67
19UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Legore-----	5	Not Rated Not Rated; CEC or Clay Too acid	0.18	Not Rated Not Rated; CEC or Clay Too acid	0.67	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	0.67 0.08
19UC: Urban Land-----	80	Not rated		Not rated		Not rated	
Legore-----	5	Not Rated Not Rated; CEC or Clay Slope	0.63	Not Rated Not Rated; CEC or Clay Too acid	0.67	Not Rated Not Rated; CEC or Clay Too steep for surface application	1.00
20B: Leonardtown-----	80	Too acid	0.18	Slope	0.63	Too steep for sprinkler application	0.78
		Not Rated Not Rated; CEC or Clay Restricted permeability Depth to saturated zone	1.00 1.00	Not Rated Not Rated; CEC or Clay Depth to saturated zone Restricted permeability	1.00 1.00	Not Rated Not Rated; CEC or Clay Depth to saturated zone Restricted permeability	1.00 1.00

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
20UB: Leonardtown-----	40	Depth to dense layer	1.00	Too acid	1.00	Too acid	1.00
		Too acid	0.73			Too steep for surface application	0.08
		Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Restricted permeability	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Restricted permeability	1.00	Restricted permeability	1.00
Urban Land-----	40	Depth to dense layer	1.00	Too acid	1.00	Too acid	1.00
		Too acid	0.73			Too steep for surface application	0.08
		Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Restricted permeability	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Restricted permeability	1.00	Restricted permeability	1.00
21C: Manor-----	100	Depth to dense layer	1.00	Too acid	1.00	Too acid	1.00
		Too acid	0.63			Too steep for surface application	1.00
		Not Rated		Slope	0.63	Too acid	1.00
		Not Rated; CEC or Clay				Too steep for sprinkler application	0.78
		Slope	0.62				
		Too acid	0.62				
21E: Manor-----	100	Depth to dense layer	1.00	Too acid	1.00	Too acid	1.00
		Too acid	0.62			Too steep for surface application	1.00
		Not Rated		Too acid	1.00	Too steep for sprinkler application	1.00
		Not Rated; CEC or Clay				Too acid	1.00
		Slope	1.00				
		Too acid	0.62				
22UB: Manor-----	40	Depth to dense layer	1.00	Too acid	1.00	Too acid	1.00
		Too acid	0.62			Too steep for surface application	1.00
		Not Rated		Too acid	1.00	Too steep for sprinkler application	1.00
		Not Rated; CEC or Clay				Too acid	1.00
		Slope	1.00				
		Too acid	0.62				

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Urban Land-----	40	Not rated		Not rated		Too steep for surface application	0.08
22UC: Manor-----	40	Not Rated Not Rated; CEC or Clay Slope	0.63	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too steep for surface application	1.00
		Too acid	0.62	Slope	0.63	Too acid Too steep for sprinkler application	1.00 0.78
Urban Land-----	40	Not rated		Not rated		Not rated	
23UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Manor-----	15	Not Rated Not Rated; CEC or Clay Too acid	0.62	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	1.00 0.08
24UB: Matapeake-----	40	Not Rated Not Rated; CEC or Clay Too acid	0.50	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	1.00 0.08
Urban Land-----	40	Not rated		Not rated		Not rated	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
25B: Mattapex-----	100	Somewhat limited Depth to saturated zone Too acid	0.95 0.73	Very limited Too acid Depth to saturated zone	1.00 0.95	Very limited Too acid Depth to saturated zone Too steep for surface application	1.00 0.95 0.08
25UB: Mattapex-----	50	Somewhat limited Depth to saturated zone Too acid	0.95 0.73	Very limited Too acid Depth to saturated zone	1.00 0.95	Very limited Too acid Depth to saturated zone Too steep for surface application	1.00 0.95 0.08
Urban Land-----	30	Not rated		Not rated		Not rated	
26B: Montalto-----	100	Not Rated Not Rated; CEC or Clay Restricted permeability Too acid	0.50 0.22	Not Rated Not Rated; CEC or Clay Too acid Restricted permeability	0.77 0.37	Not Rated Not Rated; CEC or Clay Too acid Restricted permeability Too steep for surface application	0.77 0.37 0.08
26C: Montalto-----	100	Not Rated Not Rated; CEC or Clay Slope Restricted permeability Too acid	0.63 0.50 0.22	Not Rated Not Rated; CEC or Clay Too acid Slope Restricted permeability	0.77 0.63 0.37	Not Rated Not Rated; CEC or Clay Too steep for surface application Too steep for sprinkler application Too acid Restricted permeability	1.00 0.78 0.77 0.37
26UB: Montalto-----	40	Not Rated		Not Rated		Not Rated	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Urban Land-----	40	Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Restricted permeability	0.50	Too acid	0.77	Too acid	0.77
		Too acid	0.22	Restricted permeability	0.37	Restricted permeability	0.37
						Too steep for surface application	0.08
26UC: Montalto-----	45	Not rated		Not rated		Not rated	
		Not Rated Not Rated; CEC or Clay		Not Rated Not Rated; CEC or Clay		Not Rated Not Rated; CEC or Clay	
		Slope	0.63	Too acid	0.77	Too steep for surface application	1.00
		Restricted permeability	0.50	Slope	0.63	Too steep for sprinkler application	0.78
Urban Land-----	40	Too acid	0.22	Restricted permeability	0.37	Too acid	0.77
						Restricted permeability	0.37
		Not rated		Not rated		Not rated	
27UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Montalto-----	10	Not Rated Not Rated; CEC or Clay		Not Rated Not Rated; CEC or Clay		Not Rated Not Rated; CEC or Clay	
		Restricted permeability	0.50	Too acid	0.77	Too acid	0.77
		Too acid	0.22	Restricted permeability	0.37	Restricted permeability	0.37
						Too steep for surface application	0.08

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
28B: Relay-----	100	Not Rated Not Rated; CEC or Clay Too acid	0.32	Not Rated Not Rated; CEC or Clay Too acid	0.91	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	0.91 0.08
28C: Relay-----	100	Not Rated Not Rated; CEC or Clay Slope  Too acid	0.63  0.32	Not Rated Not Rated; CEC or Clay Too acid  Slope	0.91  0.63	Not Rated Not Rated; CEC or Clay Too steep for surface application Too acid Too steep for sprinkler application	1.00  0.91 0.78
28E: Relay-----	100	Not Rated Not Rated; CEC or Clay Slope  Too acid	1.00  0.32	Not Rated Not Rated; CEC or Clay Slope  Too acid	1.00  0.91	Not Rated Not Rated; CEC or Clay Too steep for surface application Too steep for sprinkler application Too acid	1.00  1.00 0.91
28UB: Relay-----	40	Not Rated Not Rated; CEC or Clay Too acid	0.32	Not Rated Not Rated; CEC or Clay Too acid	0.91	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	0.91 0.08
Urban Land-----	40	Not rated		Not rated		Not rated	
28UC: Relay-----	45	Not Rated Not Rated; CEC or Clay Slope  Too acid	0.63  0.32	Not Rated Not Rated; CEC or Clay Too acid  Slope	0.91  0.63	Not Rated Not Rated; CEC or Clay Too steep for surface application Too acid	1.00  0.91



Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Urban Land-----	35	Not rated		Not rated		Too steep for sprinkler application	0.78
28UE: Relay-----	45	Not Rated Not Rated; CEC or Clay Slope	1.00	Not Rated Not Rated; CEC or Clay Slope	1.00	Not Rated Not Rated; CEC or Clay Too steep for surface application	1.00
		Too acid	0.32	Too acid	0.91	Too steep for sprinkler application Too acid	1.00 0.91
Urban Land-----	30	Not rated		Not rated		Not rated	
29B: Sassafras-----	100	Not Rated Not Rated; CEC or Clay Too acid	0.73	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	1.00 0.08
29C: Sassafras-----	100	Not Rated Not Rated; CEC or Clay Too acid	0.73	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too steep for surface application	1.00
		Slope	0.63	Slope	0.63	Too acid Too steep for sprinkler application	1.00 0.78
29UB: Sassafras-----	40	Not Rated Not Rated; CEC or Clay Too acid	0.73	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid	1.00

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Urban Land-----	40	Not rated		Not rated		Too steep for surface application	0.08
29UC: Sassafras-----	40	Not Rated Not Rated; CEC or Clay Too acid	0.73	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too steep for surface application	1.00
		Slope	0.63	Slope	0.63	Too acid Too steep for sprinkler application	1.00 0.78
Urban Land-----	40	Not rated		Not rated		Not rated	
30B: Joppa-----	40	Not Rated Not Rated; CEC or Clay Too acid Droughty	0.73 0.16	Not Rated Not Rated; CEC or Clay Too acid Droughty	1.00 0.16	Not Rated Not Rated; CEC or Clay Too acid Droughty Too steep for surface application	1.00 0.16 0.08
Sassafras-----	40	Not Rated Not Rated; CEC or Clay Too acid	0.73	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	1.00 0.08
31UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Sassafras-----	5	Not Rated Not Rated; CEC or Clay		Not Rated Not Rated; CEC or Clay		Not Rated Not Rated; CEC or Clay	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
32: Sulfaquepts-----	100	Too acid	0.73	Too acid	1.00	Too acid Too steep for surface application	1.00 0.08
		Not Rated Not Rated; Slope Not Rated; Ksat Not Rated; Ksat Not Rated; CEC or Clay Not Rated; Fragments > 250mm		Not Rated Not Rated; AWC Not Rated; Ksat Not Rated; Ksat Not Rated; CEC or Clay Not Rated; Fragments > 250mm		Not Rated Not Rated; AWC Not Rated; Ksat Not Rated; Ksat Not Rated; pH  Not Rated; Fragments 75 to 250mm	
33B: Sunnyside-----	40	Not Rated Not Rated; CEC or Clay Too acid	0.50	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	1.00 0.08
Christiana-----	35	Not Rated Not Rated; CEC or Clay Too acid Restricted permeability	0.86 0.81	Not Rated Not Rated; CEC or Clay Too acid Restricted permeability	1.00 0.68	Not Rated Not Rated; CEC or Clay Too acid Restricted permeability Too steep for surface application	1.00 0.68 0.08
33C: Sunnyside-----	40	Not Rated Not Rated; CEC or Clay Slope  Too acid	0.63  0.50	Not Rated Not Rated; CEC or Clay Too acid  Slope	1.00  0.63	Not Rated Not Rated; CEC or Clay Too steep for surface application Too acid Too steep for sprinkler application	1.00  1.00 0.78
Christiana-----	35	Not Rated Not Rated; CEC or Clay Too acid  Restricted permeability Slope	0.86  0.81 0.63	Not Rated Not Rated; CEC or Clay Too acid  Restricted permeability Slope	1.00  0.68 0.63	Not Rated Not Rated; CEC or Clay Too steep for surface application Too acid Too steep for sprinkler application	1.00  1.00 0.78

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
33UB: Urban Land-----	80	Not rated		Not rated		Restricted permeability	0.68
Sunnyside-----	5	Not Rated Not Rated; CEC or Clay Too acid	0.50	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	1.00 0.08
33UC: Sunnyside-----	40	Not Rated Not Rated; CEC or Clay Slope	0.63	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too steep for surface application	1.00
		Too acid	0.50	Slope	0.63	Too acid Too steep for sprinkler application	1.00 0.78
Urban Land-----	40	Not rated		Not rated		Not rated	
34UB: Urban Land-----	40	Not rated		Not rated		Not rated	
Sunnyside-----	25	Not Rated Not Rated; CEC or Clay Too acid	0.50	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	1.00 0.08
Christiana-----	20	Not Rated Not Rated; CEC or Clay Too acid	0.86	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid	1.00

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
34UC: Urban Land-----	40	Restricted permeability	0.81	Restricted permeability	0.68	Restricted permeability	0.68
						Too steep for surface application	0.08
		Not rated		Not rated		Not rated	
Christiana-----	20	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Too acid	0.86	Too acid	1.00	Too steep for surface application	1.00
		Restricted permeability	0.81	Restricted permeability	0.68	Too acid	1.00
		Slope	0.63	Slope	0.63	Too steep for sprinkler application	0.78
						Restricted permeability	0.68
Sunnyside-----	20	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Slope	0.63	Too acid	1.00	Too steep for surface application	1.00
		Too acid	0.50	Slope	0.63	Too acid	1.00
						Too steep for sprinkler application	0.78
35B: Sunnyside-----	100	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Too acid	0.50	Too acid	1.00	Too acid	1.00
						Too steep for surface application	0.08
35C: Sunnyside-----	100	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Slope	0.63	Too acid	1.00	Too steep for surface application	1.00
		Too acid	0.50	Slope	0.63	Too acid	1.00

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
36UB: Sunnyside-----	40					Too steep for sprinkler application	0.78
		Not Rated Not Rated; CEC or Clay Too acid	0.50	Not Rated Not Rated; CEC or Clay Too acid	1.00	Not Rated Not Rated; CEC or Clay Too acid Too steep for surface application	1.00 0.08
Urban Land-----	40	Not rated		Not rated		Not rated	
37: Sulfaquepts-----	100	Not Rated Not Rated; Slope Not Rated; Ksat Not Rated; Ksat Not Rated; CEC or Clay Not Rated; Fragments > 250mm		Not Rated Not Rated; AWC Not Rated; Ksat Not Rated; Ksat Not Rated; CEC or Clay Not Rated; Fragments > 250mm		Not Rated Not Rated; AWC Not Rated; Ksat Not Rated; Ksat Not Rated; pH  Not Rated; Fragments 75 to 250mm	
38C: Udorthents-----	100	Not Rated Not Rated; CEC or Clay Restricted permeability Leaching limitation  Too acid	1.00  0.50  0.11	Not Rated Not Rated; CEC or Clay Restricted permeability Too acid	1.00  0.42	Not Rated Not Rated; CEC or Clay Restricted permeability Too steep for surface application Too acid Too steep for sprinkler application	1.00  1.00 0.42 0.10
39B: Udorthents-----	100	Not Rated Not Rated; CEC or Clay Restricted permeability Too acid	1.00  0.11	Not Rated Not Rated; CEC or Clay Restricted permeability Too acid	1.00  0.42	Not Rated Not Rated; CEC or Clay Restricted permeability Too acid Too steep for surface application	1.00  0.42 0.08
39C: Udorthents-----	100	Not Rated Not Rated; Ksat		Not Rated Not Rated; AWC		Not Rated Not Rated; AWC	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
39E: Udorthents-----	100	Not Rated; Ksat		Not Rated; Ksat		Not Rated; Ksat	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; pH	
		Not Rated; Fragments > 250mm		Not Rated; Fragments > 250mm		Not Rated; Fragments 75 to 250mm	
		Not Rated; Fragments 75 to 250mm					
40B: Udorthents-----	100	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Slope	1.00	Slope	1.00	Too steep for surface application	1.00
		Restricted permeability	1.00	Restricted permeability	1.00	Too steep for sprinkler application	1.00
40C: Udorthents-----	100	Too acid	0.11	Too acid	0.42	Restricted permeability	1.00
						Too acid	0.42
		Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
40E: Udorthents-----	100	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Not Rated		Too acid	1.00	Too steep for surface application	1.00
		Restricted permeability	0.81	Restricted permeability	0.68	Too acid	1.00
40F: Udorthents-----	100	Slope	0.63	Slope	0.63	Too steep for sprinkler application	0.78
		Too acid	0.62			Restricted permeability	0.68

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
41E: Udorthents-----	100	Slope	1.00	Too acid	1.00	Too steep for sprinkler application	1.00
		Restricted permeability	0.81	Restricted permeability	0.68	Too acid	1.00
		Too acid	0.62			Restricted permeability	0.68
		Very limited Slope	1.00	Very limited Too acid	1.00	Very limited Too acid	1.00
		Filtering capacity	1.00	Slope	1.00	Too steep for surface application	1.00
		Leaching limitation	0.90	Filtering capacity	1.00	Too steep for sprinkler application	1.00
		Droughty	0.75	Droughty	0.75	Filtering capacity	1.00
		Too acid	0.73	Depth to saturated zone	0.43	Droughty	0.75
42: Udorthents-----	80	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Too acid	0.62	Flooding	1.00	Too acid	1.00
		Flooding	0.60	Too acid	1.00	Flooding	0.60
Fluvents-----	15	Depth to saturated zone	0.09	Depth to saturated zone	0.09	Depth to saturated zone	0.09
		Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Too acid	0.77
		Depth to saturated zone	0.46	Too acid	0.77	Flooding	0.60
		Too acid	0.22	Depth to saturated zone	0.46	Depth to saturated zone	0.46
42E: Udorthents-----	100	Very limited Slope	1.00	Very limited Too acid	1.00	Very limited Too acid	1.00
		Leaching limitation	0.90	Slope	1.00	Too steep for surface application	1.00
		Too acid	0.73	Depth to saturated zone	0.43	Too steep for sprinkler application	1.00
		Depth to saturated zone	0.43			Depth to saturated zone	0.43
43U: Urban Land-----	65	Not rated		Not rated		Not rated	
Udorthents-----	30	Not Rated		Not Rated		Not Rated	



Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
44UC: Urban Land-----	100	Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Too acid	0.62	Flooding	1.00	Too acid	1.00
		Flooding	0.60	Too acid	1.00	Flooding	0.60
		Depth to saturated zone	0.09	Depth to saturated zone	0.09	Depth to saturated zone	0.09
45UB: Urban Land-----	40	Not rated		Not rated		Not rated	
Woodstown-----	40	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	0.95	Too acid	1.00	Too acid	1.00
46UB: Urban Land-----	80	Too acid	0.73	Depth to saturated zone	0.95	Depth to saturated zone	0.95
						Too steep for surface application	0.08
Woodstown-----	5	Not Rated		Not Rated		Not Rated	
		Not Rated; CEC or Clay		Not Rated; CEC or Clay		Not Rated; CEC or Clay	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	0.95	Too acid	1.00	Too acid	1.00
		Too acid	0.73	Depth to saturated zone	0.95	Depth to saturated zone	0.95
						Too steep for surface application	0.08

